TABLE 1. ROTARY KILN INCINERATOR EXPECTED HWC MACT OPERATING AND EMISSION LIMITS

Maximum solids content of the Hydro-Sonics scrubber water via CMS or minimum blowdown rate and either minimum scrubber tank volume or level Average of the test run averages Hourly rolling average if measured by CMS, Hourly rolling average for minimum blowdown and either tank volume or level Minimum liquid to gas ratio (L/G) or minimum liquid and maximum flue gas flow rates for the Hydro-Sonics scrubber LIMITS ASSOCIATED WITH HC/ICl ₂ EMISSIONS HC/ICl ₂ emission rate CMS Performance Evaluation Test Plan/Alternative Monitoring Petition Average of the test run averages 12-hour rolling average X Maximum feed rate of total chlorine and chloride Average of the test run averages Hourly rolling average X Hourly rolling average X Average of the test run averages Hourly rolling average X Average of the test run averages Hourly rolling average X Average of the test run averages Hourly rolling average X Average of the test run averages Hourly rolling average X Average of the test run averages Hourly rolling average X Average of the test run averages Hourly rolling average Average of the test run averages Average of the test run averages Hourly rolling average Hourly rolling average			I		ı		
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condenser/absorber Manufacturer's specifications Hourly rolling average X Minimum liquid feed pressure to the Manufacturer's specifications Hourly rolling average	Minimum pressure drop across the Hydro- Sonics scrubber	Average of the test run averages	Hourly rolling average				
	condenser/absorber	Manufacturer's specifications	Hourly rolling average		Х		
	Minimum liquid feed pressure to the condenser/absorber	Manufacturer's specifications	Hourly rolling average		Х		

TABLE 1. ROTARY KILN INCINERATOR EXPECTED HWC MACT OPERATING AND EMISSION LIMITS

HWC MACT LIMIT	HOW ESTABLISHED	AVERAGING TIME	LIMIT ESTABLISHED WHEN OPERATING CEMS	OPERATING LIMIT WHEN CEMS OR BACKUP CEMS IS UNAVAILABLE
Hydro-Sonics scrubber minimum Liquid to Gas Ratio (L/G) or minimum liquid & maximum flue gas flow rates	Average of the test run averages	Hourly rolling average		х
Condenser/absorber minimum Liquid to Gas Ratio (L/G) or minimum liquid & maximum flue gas flow rates	Average of the test run averages	Hourly rolling average		Х
Minimum condenser/absorber water pH	Average of the test run averages	Hourly rolling average		Х
Minimum Hydro-Sonics scrubber water pH	Average of the test run averages	Hourly rolling average		х
	LIMITS ASSOCIATED WITH MET	ALS EMISSIONS		
Mercury emission rate	CMS Performance Evaluation Test Plan Alternative Monitoring Application	12-hour rolling average from block hour average	Х	
SVM emission rate	CMS Performance Evaluation Test Plan Alternative Monitoring Application	12-hour rolling average from block hour average	Х	
LVM emission rate	CMS Performance Evaluation Test Plan Alternative Monitoring Application	12-hour rolling average from block hour average	Х	
Maximum feed rate of mercury	Average of the test averages – (may be extrapolated upward)	12-hour rolling average		х
Maximum feed rate of SVM	Average of the test averages – (may be extrapolated upward)	12-hour rolling average		х
Maximum feed rate of LVM (pumpable and total feedrate)	Average of the test averages – (may be extrapolated upward)	12-hour rolling average		×
Maximum total chlorine and chloride feed rate	Average of the test run averages	12-hour rolling average		x
Minimum pressure drop across the Hydro Sonics scrubber	Average of the test run averages	Hourly rolling average		X-equivalent pressure drop
Minimum pressure drop across the condenser/absorber	Manufacturer's specifications	Hourly rolling average		х
Minimum liquid feed pressure to the condenser/absorber	Manufacturer's specifications	Hourly rolling average		Х
Maximum solids content of the condenser/absorber scrubber water via CMS or minimum blowdown rate and either minimum scrubber tank volume or level	Average of the test run averages	12-Hour rolling average if measured by CMS, Hourly rolling average for minimum blowdown and either tank volume or level		waived via Alternative Monitoring Petition request under 1209(g) o HWC MACT
Maximum solids content of the Hydro- Sonics scrubber water via CMS or minimum blowdown rate and either minimum scrubber tank volume or level	Average of the test run averages	12-Hour rolling average if measured by CMS, Hourly rolling average for minimum blowdown and either tank volume or level		X- via CMS
Condenser/absorber minimum Liquid to Gas Ratio (L/G) or minimum liquid & maximum flue gas flow rates	Average of the test run averages	Hourly rolling average		х
Hydro-Sonics scrubber minimum Liquid to Gas Ratio (L/G) or minimum liquid & maximum flue gas flow rates	Average of the test run averages	Hourly rolling average		х

 $^{^{\}rm a}$ This limit is also an indicator of compliance with the SVM, LVM, PM, and HCl/Cl $_{\rm 2}$ emission limits.